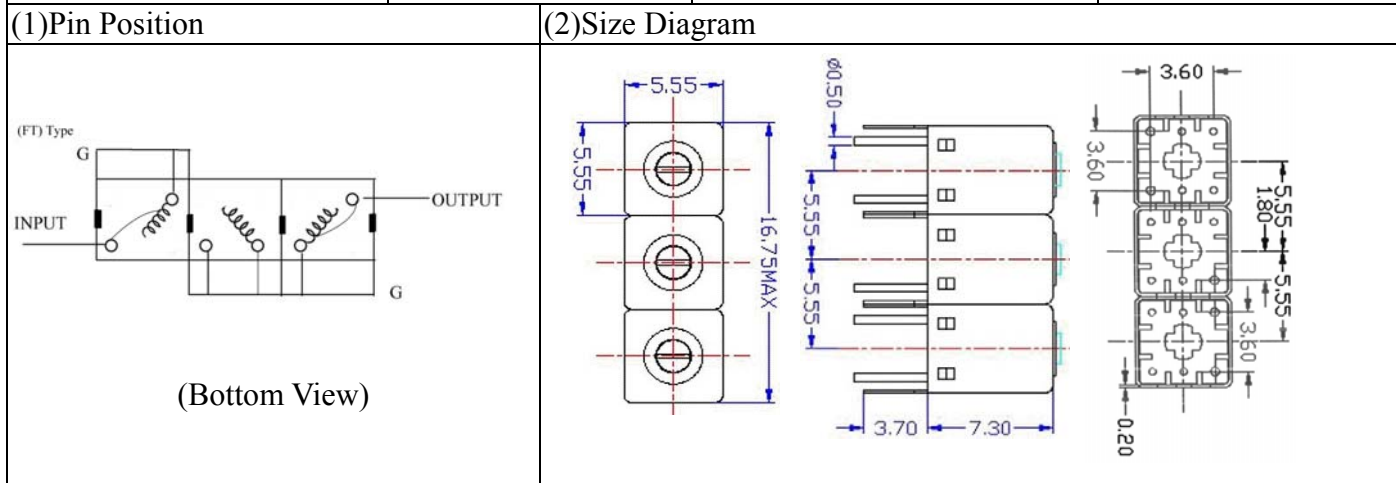


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTR3880FT-494M
Approval No. /dated		Temwell's Print Name	3880FT 494M
Work Instruction No.	201002125CD	Date	Mar.17.2010



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	494 MHz	494 MHz	
Insertion Loss	Typ. 3.5 dB	2.39 dB	
-3 dB Bandwidth	Typ. 20 MHz	23.0 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 40 dBc	46 dBc
	Fo + 50 MHz	Typ. 25 dBc	31 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	33.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

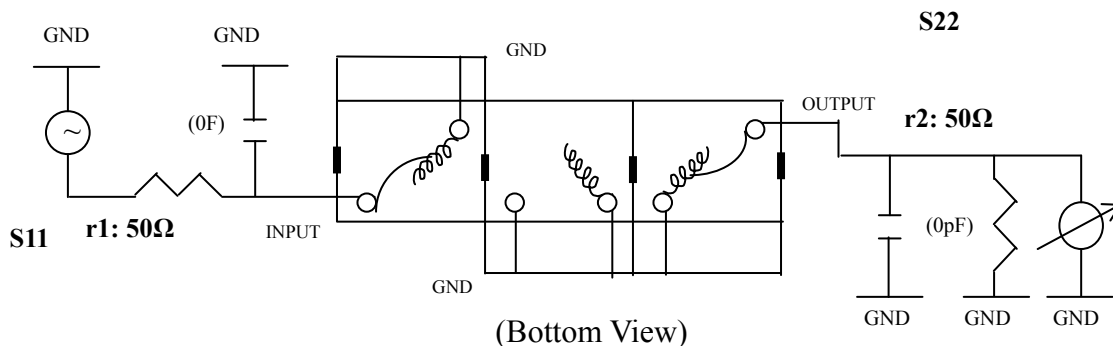
(4) Torque for Tuning Screw > 60gf • cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 0.5Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).



Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 5R3S(3.8*4.2)(4.18) 5HW024LB3
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TEMWELL CORPORATION

TEMWELL

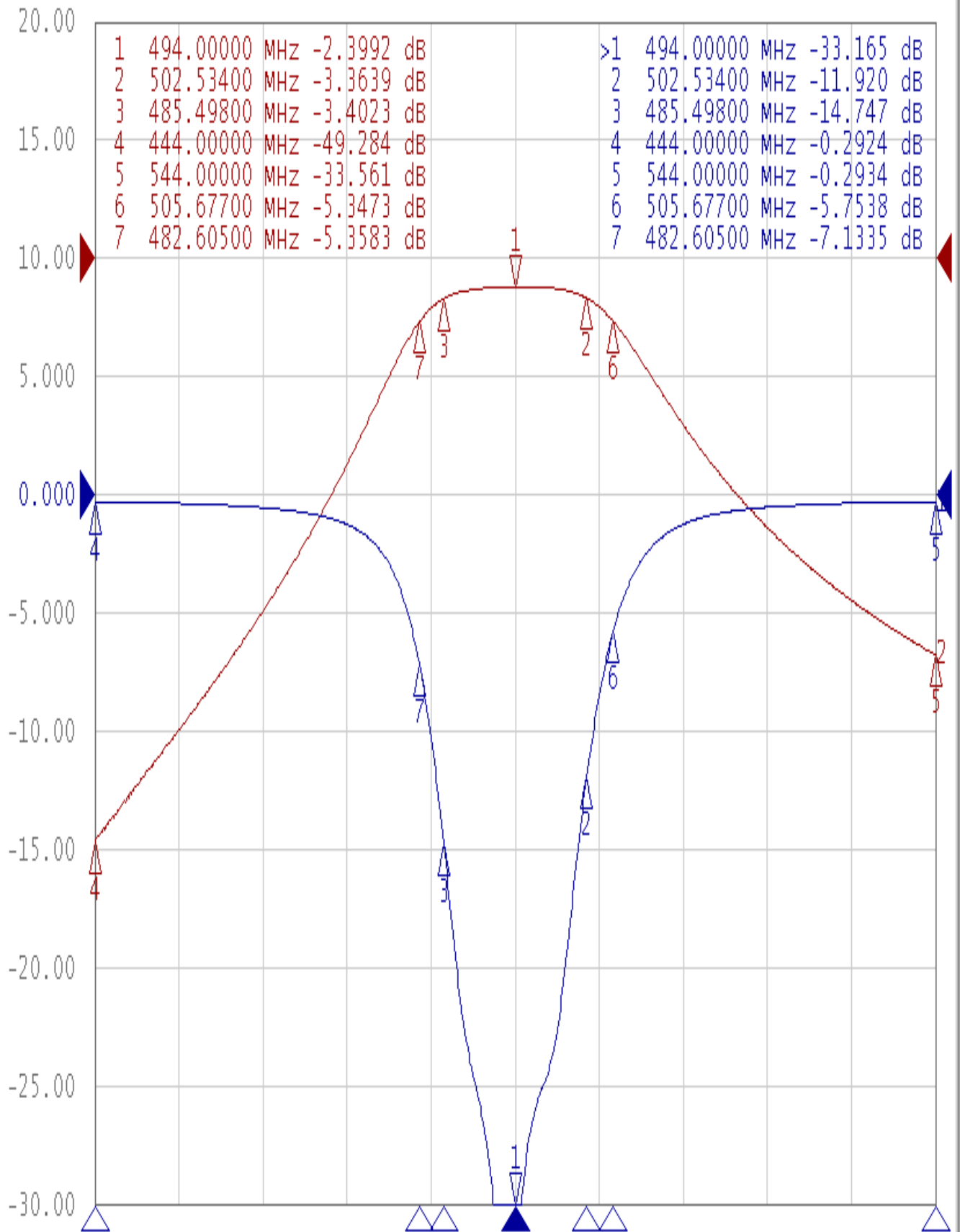
Form10-5R3FT Vision D

RP(C.S.C)

Performance-TTR3880FT-494M

201002125CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 494 MHz

IFBW 10 kHz

Span 100 MHz Cor !